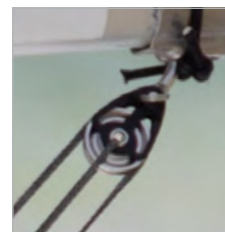


2-stage bearing system



Low friction, high load



## ILCA® HARDWARE

### MAINSHEET BLOCKS

Ronstan's ILCA® mainsheet blocks provide the perfect balance of strength, performance, and reliability. They feature a 2-stage bearing system which minimises friction and gives sailors ultimate control while trimming. The cheeks and housings are lightweight yet strong and made from toughened glass fibre reinforced nylon. All stainless steel fixings and rivets are grade 316 stainless steel. The linked traveller block uses the same 2-stage bearing for the mainsheet sheave while the smaller traveller sheave has a simple AP bearing to maintain enough friction to help keep the block close in the leeward corner when sailing upwind under load. Several concepts of the articulation point of the linked traveller block were tried and tested by ILCA® sailors to ensure the best design was achieved for optimum articulation.

**BB** **Ball Bearing** versions incorporate our 2-stage bearing system using ball bearings to minimise friction and a secondary full-contact bearing to maintain low friction across the full working load range.

**AP** **All Purpose** versions are a great choice for durability and a long service life. They feature self-lubricating acetal polymer sheaves running on polished stainless steel races and perform equally well with dynamic loads and static loads.

### VANG UNITS

Ronstan's ILCA® lower vang unit is the new benchmark in design and performance. Thoroughly tested on the water by leading ILCA® sailors, the vang unit features a geometry that minimises line chafe and friction and provides a purchase advantage, with easy cleating and releasing to stay in full control when playing the vang from any angle while inboard or hiking. The primary purchase sheave features our high load, low friction, stainless steel HHL sheave. The cleat arm pivot point is close to the clevis pin attachment to minimise stress on the mast attachment point.

RF34118HLK and RF34108HLK are purpose designed ILCA® top vang blocks.

Both the lower vang unit and top vang block cheeks are made of grade 316 stainless steel with a hard wearing black coating.

**HHL** **High Load** versions are designed specifically for any application where high dynamic or static loads are expected. They feature a high strength grade 2205 stainless steel sheave, hub and bearing race to maintain low friction at very high loads.



Photo © Down Under Sail



ILCA-SGL **BB**



ILCA-BKT **BB**



ILCA-TRV **BB**

**AP**

- ⚙️ Mainsheet blocks have a 2-stage bearing system with stainless steel hub.
- ⚙️ Fast rolling speed with little friction.
- ⚙️ Traveller block: Main sheave features 2-stage bearing sheave. Small sheave is simple AP bearing.

- ⚙️ BB sheave and balls: High compression strength acetal.
- ⚙️ Rivets: Grade 316 stainless steel.
- ⚙️ Frame/cheeks: Toughened, glass fibre reinforced nylon.
- ⚙️ Hubs: Grade 316 stainless steel.

PRODUCT No.	DESCRIPTION	SHEAVE DIAM. mm	MAX. ROPE mm	WEIGHT g	SHEAVE DIAM. in.	MAX. ROPE in.	WEIGHT oz
<b>BB</b> ILCA® Mainsheet Blocks							
ILCA-SGL	ILCA® mainsheet centre boom block, single	40	8	48	1 9/16	5/16	1.7
ILCA-BKT	ILCA® mainsheet boom block, single becket	40	8	56	1 9/16	5/16	2.0
ILCA-TRV	ILCA® mainsheet traveller block	40 + 25	8	82	1 9/16 + 1	5/16	2.9



**Top Vang Block**

- ✓ Low friction top vang block.
- ✓ Narrow and compact design.
- ✓ RF34108HLK & RF34118HLK include vang key.

**NEW VANG BLOCKS WITH BECKET**

**ILCA® Lower Vang Unit**

- ✓ Low friction ILCA® vang unit.
- ✓ HHL sheave for the high load primary sheave.
- ✓ Easy cleating and releasing from any angle.
- ✓ Pivot point close to clevis pin attachment to minimise stresses on mast fitting.
- ✓ Optimised geometry to eliminate line chafe and friction.
- ✓ Composite C-Cleat™ and fairlead.
- ⚙ BB Sheaves: UV stabilised acetal.
- ⚙ HHL sheave and bearing race: Grade 2205 stainless steel.  
Ball bearings: Grade 304 stainless steel.
- ⚙ Cheeks/Frame: Grade 316 stainless steel, hard wearing black coating.
- ⚙ Vang Key (RF1062): Grade 316 stainless steel.

PRODUCT No.	DESCRIPTION	SHEAVE DIAM. mm	MAX. ROPE mm	PIN DIAM. mm	M.W.L. kg	B.L. kg	WEIGHT g	SHEAVE DIAM. in.	MAX. ROPE in.	PIN DIAM. in.	M.W.L. lb	B.L. lb	WEIGHT oz
<b>HHL Top Vang Block</b>													
RF34108HL	Top vang block	30	6	5	400	800	42	1 1/8	1/4	3/16	880	1760	1.5
RF34108HLK	Top vang block with vang key	30	6	5	400	800	51	1 1/8	1/4	3/16	880	1760	1.8
RF34118HL	Top vang block with becket	30	6	5	400	800	50	1 1/8	1/4	3/16	880	1760	1.8
RF34118HLK	Top vang block with becket and vang key	30	6	5	400	800	59	1 1/8	1/4	3/16	880	1760	2.0
<b>HHL ILCA® Lower Vang Unit</b>													
ILCA-VNG	ILCA® lower vang unit	20 + 15	5	6.4	-	-	177	3/4 + 5/8	3/16	1/4	-	-	6.2
<b>Accessories</b>													
RF1062	Vang key, 6.4mm (1/4") diam.	-	-	-	-	-	9	-	-	-	-	-	0.3